Figure 1

PRIOR ART

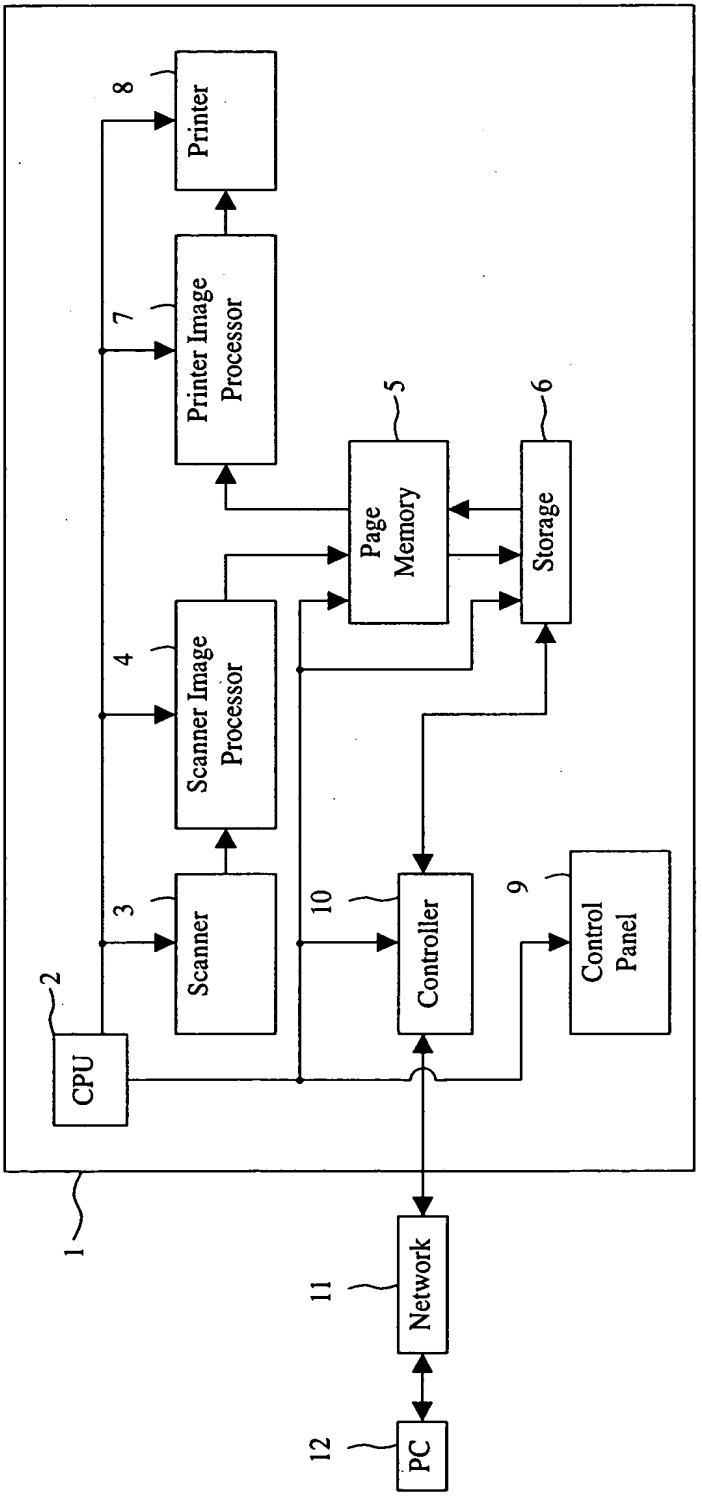


Figure 2

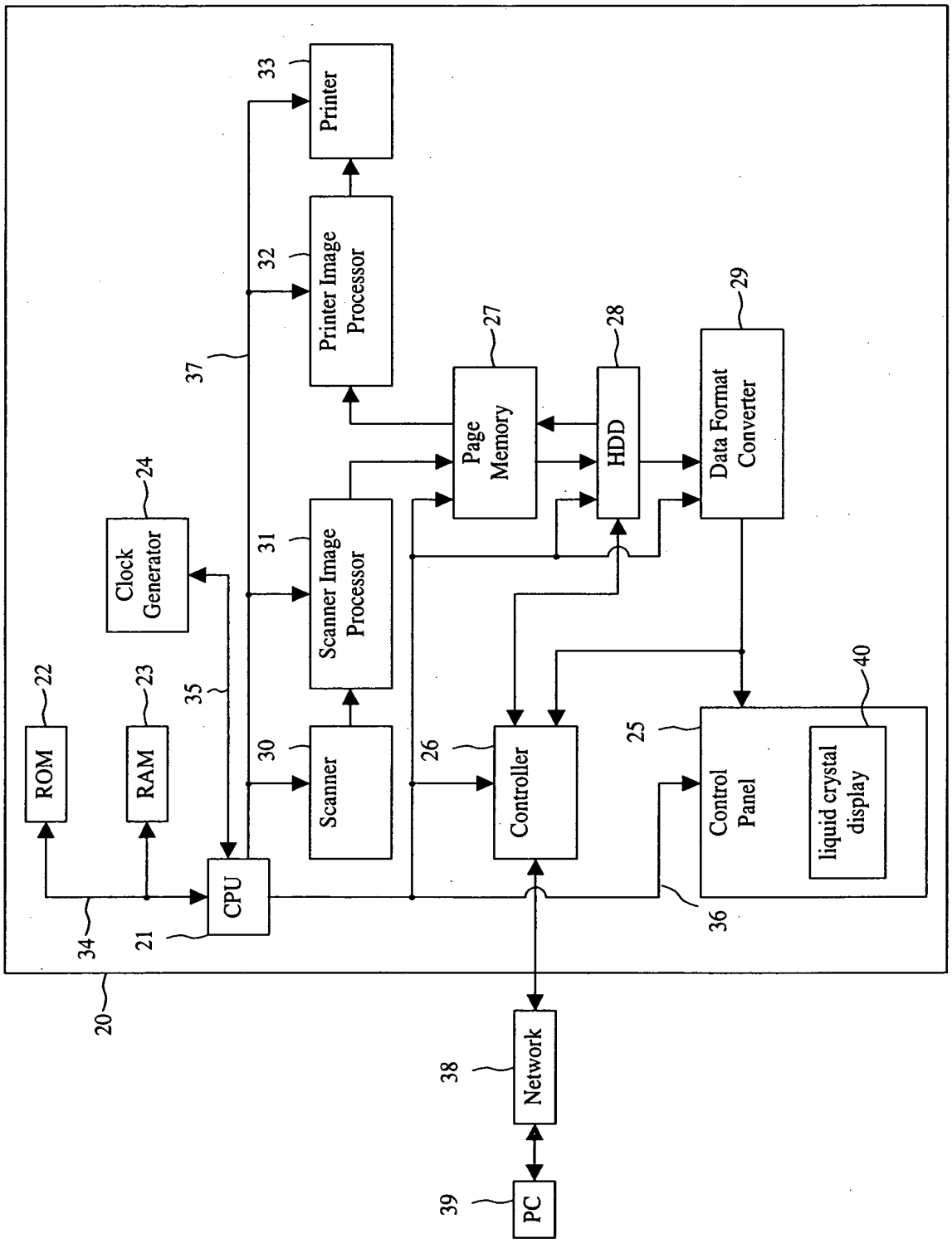
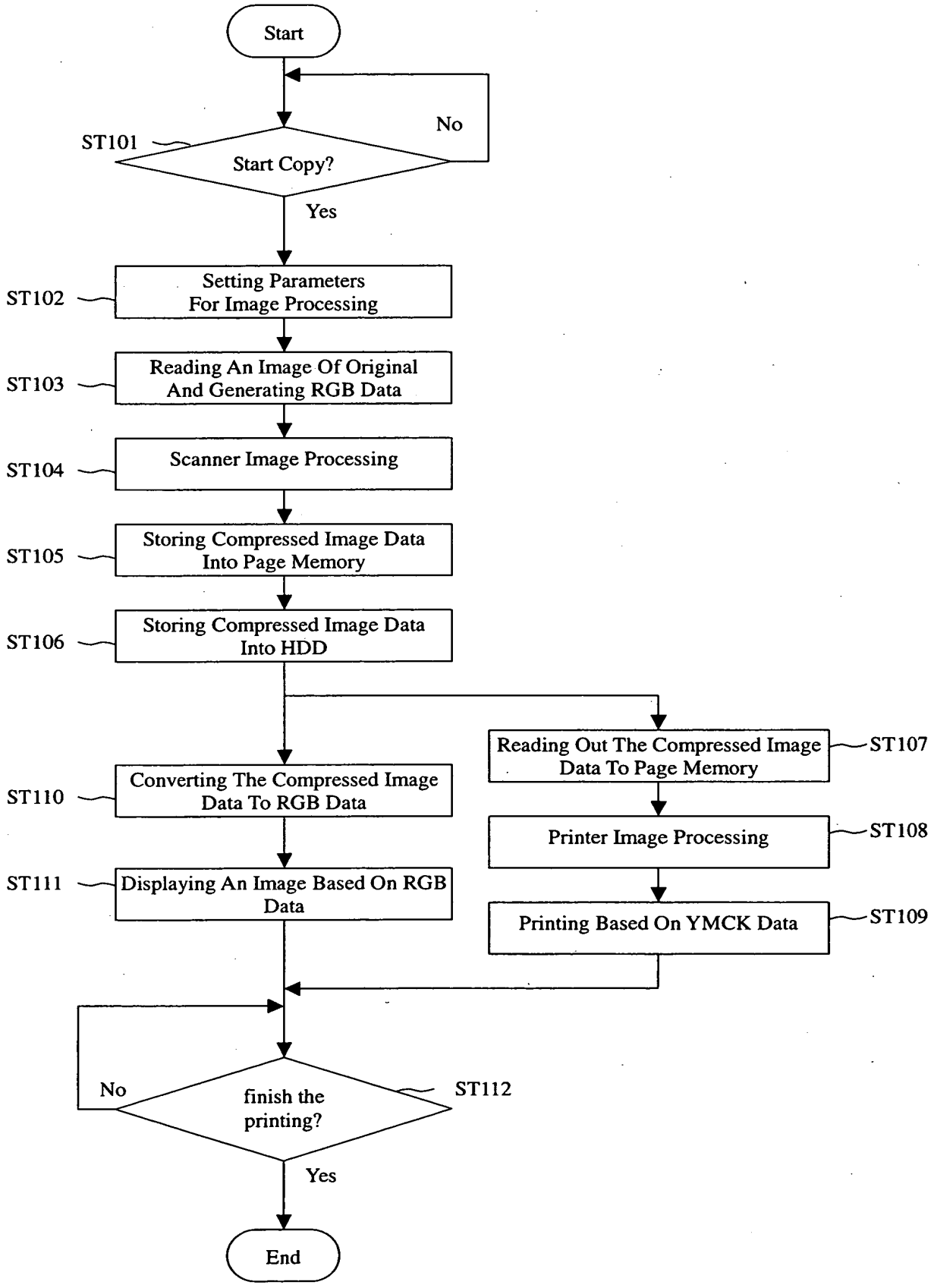

Printer
33
Printer Image Processor
32
37
Page Memory
27
HDD
28
Data Format Converter
29
Clock Generator
24
Scanner Image Processor
31
ROM
22
RAM
23
35
Scanner
30
Controller
26
25
Control Panel
liquid crystal display
40
CPU
34
21
36
20
Network
38
PC
39

Figure 3


Start
ST101
Start Copy?
No
Yes
ST102
Setting Parameters For Image Processing
ST103
Reading An Image Of Original And Generating RGB Data
ST104
Scanner Image Processing
ST105
Storing Compressed Image Data Into Page Memory
ST106
Storing Compressed Image Data Into HDD
ST107
Reading Out The Compressed Image Data To Page Memory
ST108
Printer Image Processing
ST109
Printing Based On YMCK Data
ST110
Converting The Compressed Image Data To RGB Data
ST111
Displaying An Image Based On RGB Data
ST112
finish the printing?
No
Yes
End